



PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/822,445
Filing Date	April 12, 2004
First Named Inventor	David S. Breed
Art Unit	3662
Examiner Name	
Attorney Docket Number	ITI-002

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
m		US- 5,617,317	4/1997	Ignagni	
		US- 5,760,737	6/1998	Brenner	
		US- 5,890,083	3/1999	Franke	
		US- 5,926,117	7/1999	Gunji	
		US- 5,983,161	11/1999	Lemelson	
		US- 6,014,608	1/2000	Seo	
		US- 6,311,129	10/2001	Lin	
		US- 6,370,475	4/2002	Breed	
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		US- 6,453,238	9/2002	Brodie	
		US- 6,459,990	10/2002	McCall	
		US- 6,516,273	2/2003	Pierowicz	
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		US- 2003/0025597	2/2003	Schofield	
		US- 2003/0112132	6/2003	Trajkovic	
		US- 5,841,367	11/1998	Giovanni	
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		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
m		WO 01/50088	7/2001	Levy		

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9/20/05

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Sheet 2

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m		US- 3,702,477	11/1972	Brown	
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		US- 5,332,180	7/1994	Peterson	
		US- 5,381,338	1/1995	Wysocki	
		US- 5,504,482	4/1996	Schreder	
		US- 5,570,087	10/1996	Lemelson	
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		Examiner Name	
Sheet 3 of 4	Attorney Docket Number		ITI-002

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>m</i>	1	SRI International Centimeter- Level GPS for Highway Systems, J.W. SINKO et al. Jul., 1998.	
	2	SRI International, An Evolutionary Automated Highway System Concept Based on GPS, J.W. SINKO, Sep., 1996 (p. 5, second column to p. 7).	
	3	SRI International Using GPS for Automated Vehicle Convoying, T.M. NGUYEN, Sep. 1998.	
	4	V. MORALLES et al., Preview Based Control of a Tractor Trailer Using DGPS for Preventing Road Departure Accidents, 1998 IEEE International Conference on Intelligent Vehicles,	
		pp.797-805.	
	5	S. BAJIKAR et al., Evaluation of In-Vehicle GPS-Based Lane Position Sensing for Preventing Road Departure, 1998 IEEE International Conference on Intelligent Vehicle,	
		pp.307-402.	
	6	B. SCHILLER et al., Collision Avoidance for Highway Vehicles Using the Virtual Bumper Controller, 1998 IEEE International Conference on Intelligent Vehicles, pp. 149-155.	
	7	M. O'SHEA and V. SHUMAN, Looking Ahead: Map Database in Predictive Positioning and Safety Systems, no Date.	
<i>m</i>	8	J. PIEROWICZ, Use of Map Data Information in an On-Board Intersection Violation Detection System, 1998 IEEE.	

Examiner Signature	<i>m</i>	Date Considered	9/20/08
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Sheet 4	of 4	Attorney Docket Number	ITI-002

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>mw</i>	9	GORAN M. DJUKNIC and ROBERT E. RICHTON , Geolocation and Assisted GPS, Feb, 2001.	
	10	H. WEINBERG, MEMS Sensors Are Driving the Automotive Industry, Sensors, Feb. 2002	
	11	R. GRACE, The Growing Presence of MEMS and MST in Automotive Applications, Sensors, Sep. 1999.	
<i>mw</i>	12	D. SINGH et al., Autonomous Vehicle Using WADGPS, Proceedings of Intelligent Vehicles '95 Symposium, Sep. 25-26, 1995, pp. 370-375.	

Examiner Signature	<i>[Signature]</i>	Date Considered	9/20/05
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